FOR QUALITY & EXCELLENCE IN HIGHER EDUCATION
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BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

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JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2014-15/

DATE: 15-11-2014

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (28 days Compressive Strength)
{Project*: Construction of RCC Drain at Kogilu Layout in Ward No.05, Byatarayanapura Sub-Division}

Ref.: Letter No. Testing/BUB/2014-15, dated 14-11-2014

Sample supplied to lab by: M/s.KRIDL, Bangalore.

Report required for: Assistant Executive Engineer,
Byatarayanapura Sub-Division.
BBMP, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1 :

Sl No	Location/ Identification *	Date of Casting*	Date of Testing	Age in Days	C/S Area in Mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	17-10-14	14-11-14	28	22500	495	22.00	**22.22**
	002	"	"	"	"	510	22.66	
	003	"	"	"	"	495	22.00	

* As furnished by Client.
The Results relate only to the items tested.

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AE-01

15/11/2014

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JNANA BHARATHI
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BUB/CTE/2014-15/

DATE: 19-11-2014

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (28 days Compressive Strength)
{Project*: Construction of RCC Drain at Kogilu Layout in Ward No.05, Byatarayanapura Sub-Division}

Ref.: Letter No. Testing/BUB/2014-15, dated 18-11-2014

Sample supplied to lab by: M/s.KRIDL, Bangalore.

Report required for: Assistant Executive Engineer,
Byatarayanapura Sub-Division.
BBMP, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1 :

Sl No	Location/ Identification *	Date of Casting*	Date of Testing	Age in Days	C/S Area in Mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	21-10-14	18-11-14	28	22500	530	23.55	**23.33**
	002	"	"	"	"	525	23.33	
	003	"	"	"	"	520	23.11	

* As furnished by Client.
The Results relate only to the items tested.

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AE-05

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JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2014-15/

DATE: 23-11-2014

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (28 days Compressive Strength)
{Project*: Construction of RCC Drain at Kogilu Layout in Ward No.05, Byatarayanapura Sub-Division}

Ref.: Letter No. Testing/BUB/2014-15, dated 21-11-2014
Sample supplied to lab by: M/s.KRIDL, Bangalore.
Report required for: Assistant Executive Engineer,
Byatarayanapura Sub-Division.
BBMP, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1 :

Sl No	Location/ Identification *	Date of Casting*	Date of Testing	Age in Days	C/S Area in Mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	24-10-14	21-11-14	28	22500	540	24.00	**23.92**
	002	"	"	"	"	525	23.33	
	003	"	"	"	"	550	24.44	

* As furnished by Client.
The Results relate only to the items tested.

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AE-05

ME-5

23/11/2014

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JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2014-15/

DATE: 26-11-2014

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (287 days Compressive Strength)
{Project*: Construction of RCC Drain at Kogilu Layout in Ward No.05, Byatarayanapura Sub-Division}

Ref.: Letter No. Testing/BUB/2014-15, dated 25-11-2014

Sample supplied to lab by: M/s.KRIDL, Bangalore.

Report required for: Assistant Executive Engineer,
Byatarayanapura Sub-Division.
BBMP, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1 :

Sl No	Location/ Identification *	Date of Casting*	Date of Testing	Age in Days	C/S Area in Mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	28-10-14	25-11-14	28	22500	500	22.22	**22.81**
	002	"	"	"	"	510	22.66	
	003	"	"	"	"	530	23.55	

* As furnished by Client.
The Results relate only to the items tested.

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26/11/2014

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JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2014-15/

DATE: 27-11-2014

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (28 days Compressive Strength)
{Project*: Construction of RCC Drain at Kogilu Layout in Ward No.05, Byatarayanapura Sub-Division}

Ref.: Letter No. Testing/BUB/2014-15, dated 26-11-2014

Sample supplied to lab by: M/s.KRIDL, Bangalore.

Report required for: Assistant Executive Engineer,
Byatarayanapura Sub-Division.
BBMP, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1 :

Sl No	Location/ Identification *	Date of Casting*	Date of Testing	Age in Days	C/S Area in Mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	29-10-14	26-11-14	28	22500	525	23.33	**23.25**
	002	"	"	"	"	530	23.55	
	003	"	"	"	"	515	22.88	

* As furnished by Client.
The Results relate only to the items tested.

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27/11/2014
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JNANA BHARATHI
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BUB/CTE/SL-1

Date: 19-11-2014

TEST REPORT

Sub: To determine the flexture strength/ compressive strength for RCC covering slab.
{Project*: Construction of RCC Drain at Kogilu Layout in Ward No.05, Byatarayanapura Sub-Division}

Ref.: Letter No. Testing/BUB/2013-14, dated 18-11-2014

Sample supplied to lab by: M/s.KRIDL, Bangalore.

Report required for: Assistant Executive Engineer,
Byatarayanapura Sub-Division.
BBMP, Bangalore.

Size: 0.6x 1.2 X 0.1m

1. PHYSICAL TESTS ON RCC SLAB (covering slab for drain)

TABLE 1.1

Sl No.	Details	Flexural strength, fcr in N/sqmm	Characteristic Compressive Strength, fck in N/sqmm	Remarks
1	RCC SLAB	3.60	26.44	As per Cl. 6.2.2 of IS 456- 2000, fcr=0.7√ fck

*As furnished by client.

Note: The Results relate only to the items tested.

AE-05

19/11/2014

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JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2013-14/SL-2

Date: 17-11-2014

TEST REPORT

Sub: To determine the flexture strength/ compressive strength for RCC covering slab.
{Project*: Construction of RCC Drain at Kogilu Layout in Ward No.05, Byatarayanapura Sub-Division}

Ref.: Letter No. Testing/BUB/2014-15, dated 14-11-2014

Sample supplied to lab by: M/s.KRIDL, Bangalore.

Report required for: Assistant Executive Engineer,
Byatarayanapura Sub-Division.
BBMP, Bangalore.

Size: 0.6x 1.2 X 0.1m

1. PHYSICAL TESTS ON RCC SLAB (covering slab for drain)

TABLE 1.1

Sl No.	Details	Flexural strength, fcr in N/sqmm	Characteristic Compressive Strength, fck in N/sqmm	Remarks
1	RCC SLAB	3.50	25.0	As per Cl. 6.2.2 of IS 456- 2000, fcr=0.7√ fck

*As furnished by client.

Note: The Results relate only to the items tested.

AE-05

17/11/2014

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